

**Flood Control Project Maintenance
Levee Inspections**

Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0784	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0784 Plumas Lake	A	33.20						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					2.70	0.49		
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.01		0.01	0.03%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
<i>LMA Totals:</i>	0.01	0.00	0.01	0.03%	2.72	0.49	0.00	0.00
Unit No. 01 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	2.21						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.12	0.49		
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.13	0.49	0.00	0.00
Unit No. 02A Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	2.54						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				
Unit No. 02B Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	3.95						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.10			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.10	0.00	0.00	0.00
Unit No. 03A Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	0.78						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

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Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 03B Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	1.49						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.30			
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.01		0.01	0.67%				
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	0.01	0.00	0.01	0.67%	0.30	0.00	0.00	0.00

Unit No. 04 Interceptor Canal RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	6.33						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00

Unit No. 05 Interceptor Canal LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	4.19						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					2.18			
<i>Supplemental</i>								
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	2.18	0.00	0.00	0.00

Unit No. 06 South Dry Creek RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	0.25						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00

Unit No. 07 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	3.82						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

**Flood Control Project Maintenance
Levee Inspections**

Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 08 Three Rivers RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	1.93						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

Unit No. 09 Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	5.71						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Fall 2018 Levee Inspection Results****Reclamation District No. 0784 Plumas Lake**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 01 Yuba River			Left	2.21
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	10/25/2018 10/25/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0784_01_s _ 2013_4				
Comment Code					
Inspector Comment					
O&M manuals are located at the district office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0784_01_s _ 2013_5				
Comment Code					
Inspector Comment					
RD 784 participates with the neighboring districts to strategically place flood fight supplies around the local districts for fast response. They also have a shipping container at their district office, and three containers at another district full of flood fight supplies.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0784_01_s _ 2013_6				
Comment Code					
Inspector Comment					
RD 784 and its employees host and participate in a Flood Fight class put on by DWR every fall in their district.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0784 Plumas Lake

View looking downstream waterside at the well maintained annual vegetation, Fall 2018.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	10/25/2018 10/25/2018	Sterling York

LM Start	0.51	Rating **	U	Issue No.	12
LM End	1.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.131558 °	39.129475 °
				-121.560668 °	-121.569209 °
DWR ID	DWR_RD0784_01_f_2012_12				
Comment Code					
FE : Fence					
Inspector Comment					
Fences are found within the 10 feet of levee easement.					

Photo 1 of 1 : FA_2018_RD0784_178_12_20180918_00001.jpg



View looking downstream landside of fences that are found on the landside toe of the levee looking downstream.

LM Start	1.00	Rating **	M	Issue No.	13
LM End	1.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.129475 °	39.129615 °
				-121.569210 °	-121.571371 °
DWR ID	DWR_RD0784_01_f_2012_13				
Comment Code					
FE : Fence					
Inspector Comment					
Fence near the levee toe.					

Photo 1 of 2 : FA_2018_RD0784_178_13_20180918_00002.jpg



View looking downstream landside of a fence near the levee toe.

LM Start	1.00	Rating **	M	Issue No.	13 (cont)
LM End	1.12	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_RD0784_178_13_20180918_00003.jpg



View looking downstream landside of a fence near the levee toe, Fall 2017.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	10/25/2018 10/25/2018	Sterling York

LM Start	1.31	Rating **	M	Issue No.	14
LM End	1.31	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.129826°	39.129826°
				-121.574940°	-121.574940°
DWR ID	18552				
Comment Code					
Inspector Comment					
FS_ID:50677 DS_ID:18552 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/15/2016 - Crossing is still Non-Urgent due to the possibility that the pipe is unpermitted. The crossing will be downgraded when owner provides permit or CVFPB enforcement resolves the issue. (DWR UCIP - thatch)11/01/2015 - Letter requesting permit or to provide permit sent to owner Century Link, 700 W. Mineral Avenue, Rm D 27.34, Littleton, CO 80120 on 2/18/2014. Pending CVFPB enforcement on utility crossing owner. Requesting DWR inspector to change the status of this issue to "No Action Needed" (P. Meagher - RD784) 02/28/2013 - No permit identified for this crossing. Need to determine if owner has permit. (W.Wylie UCIP Inspector). FIELD_STRUCT_DESC: Fiber optics communications lines of an unknown material and diameter through the levee, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 9/11/2015 9:08:00 AM					

Photo 1 of 3 : UCIP_FA_2018_50677_54402.jpg



Marker on east side of Rail/WS of Levee.

LM Start	1.31	Rating **	M	Issue No.	14 (cont)
LM End	1.31	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_50677_54401.jpg



Marker on east side of Rail/WS of Levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	10/25/2018 10/25/2018	Sterling York

LM Start	1.31	Rating **	M	Issue No.	14 (cont)	
LM End	1.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.129826 °	39.129826 °	
				-121.574940 °	-121.574940 °	
DWR ID	18552					
Comment Code						
Inspector Comment						
FS_ID:50677 DS_ID:18552 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/15/2016 - Crossing is still Non-Urgent due to the possibility that the pipe is unpermitted. The crossing will be downgraded when owner provides permit or CVFPB enforcement resolves the issue. (DWR UCIP - thatch)11/01/2015 - Letter requesting permit or to provide permit sent to owner Century Link, 700 W. Mineral Avenue, Rm D 27.34, Littleton, CO 80120 on 2/18/2014. Pending CVFPB enforcement on utility crossing owner. Requesting DWR inspector to change the status of this issue to "No Action Needed" (P. Meagher - RD784) 02/28/2013 - No permit identified for this crossing. Need to determine if owner has permit. (W.Wylie UCIP Inspector). FIELD_STRUCT_DESC: Fiber optics communications lines of an unknown material and diameter through the levee, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 9/11/2015 9:08:00 AM						

Photo 3 of 3 : UCIP_FA_2018_50677_54400.jpg



Marker on East side of Rail/LS of levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 02A Feather River			Left	2.54
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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Reclamation District No. 0784 Plumas Lake

View looking downstream waterside of the well maintained annual
Vegetation, Fall 2018.

Page 1 of 1

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 02B Feather River			Left	3.95
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	10/25/2018 10/25/2018	Sterling York

LM Start		Rating **	A/W	Issue No.	1
LM End	9.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			39.009366 °	39.004549 °
				-121.579766 °	-121.579143 °
DWR ID	DWR_RD0784_02B_f _ 2018_1				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 17.8 L					
Status: Eroding					
2017 Field Notes: Large sandbar on opposite bank, thalweg moving closer to levee.					
Site History: 2003 - Bank is near vertical. Identified as a Potentially Critical site. 2004 - Eddy flow off downstream end of Modesto formation eroding the fluvial sediments. 2005 - Some new slumping. Actively eroding but berm width is greater than 50 ft. 2006 - Downgraded to regular erosion site. Still actively eroding. Large old rotational failures in high bank on the downstream end. 2008 - Removed from inventory due to wide berm width does not meet criteria for an erosion site. 2010 - Added back to the inventory after 10 ft of bank erosion in the winter 2009 storm. Steep vertical face. 2011 - Bank has retreated an additional 2.5 ft from last year. New tree popouts and erosion throughout the site. 2012 - Site continues to worsen with new tree popouts and many sections of new erosion.					

Photo 1 of 1 : FA_2018_RD0784_532_1_20181108_00004.jpg



USACE 2013 Photo #1

LM Start	9.11	Rating **	A	Issue No.	2
LM End	12.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.007954 °	38.955601 °
				-121.578178 °	-121.574977 °
DWR ID	DWR_RD0784_02B_f_2018_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_532_2_20181106_00002.jpg



View looking downstream landside of the well maintained annual vegetation, Fall 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	10/25/2018 10/25/2018	Sterling York

LM Start	9.11	Rating **	A	Issue No.	3
LM End	12.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.007954 °	38.955601 °
				-121.578178 °	-121.574976 °
DWR ID	DWR_RD0784_02B_f_2018_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_532_3_20181106_00003.jpg



View looking downstream waterside of the well maintained annual vegetation, Fall 2018.

LM Start	9.21	Rating **	M	Issue No.	6
LM End	9.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.006523 °	39.005235 °
				-121.577843 °	-121.578286 °
DWR ID	DWR_RD0784_02_f_2012_6				
Comment Code					
MA : Material					
Inspector Comment					
Un-permitted paving at levee toe.					

Photo 1 of 1 : FA_2018_RD0784_532_6_20180918_00001.jpg



View looking downstream on the land side of un-permitted paving.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 03A Bear River			Right	0.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03A Bear River	Right	0.78	10/25/2018 10/25/2018	Sterling York

LM Start	2.43	Rating **	A	Issue No.	1
LM End	3.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.970603 °	38.974686 °
				-121.547558 °	-121.535306 °
DWR ID	DWR_RD0784_03A_f_2018_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_533_1_20181106_00002.jpg



View looking downstream landside of the well maintained annual Vegetation, Fall 2018.

LM Start	2.43	Rating **	A	Issue No.	2
LM End	3.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.970603 °	38.974686 °
				-121.547558 °	-121.535306 °
DWR ID	DWR_RD0784_03A_f_2018_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_533_2_20181106_00001.jpg



View looking downstream waterside of the well maintained annual Vegetation, Fall 2018.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 03B Bear River			Right	1.49
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	10/25/2018 10/25/2018	Sterling York

LM Start	3.21	Rating **	A	Issue No.	4
LM End	4.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974494 °	38.985440 °
				-121.532525 °	-121.510704 °
DWR ID	DWR_RD0784_03B_f_2018_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_534_4_20181106_00008.jpg



View looking downstream landside of the well maintained annual vegetation, Fall 2018.

LM Start	3.21	Rating **	A	Issue No.	5
LM End	4.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974494 °	38.985440 °
				-121.532525 °	-121.510704 °
DWR ID	DWR_RD0784_03B_f_2018_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_534_5_20181106_00007.jpg



View looking downstream waterside of the well maintained annual Vegetation, Fall 2018.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	10/25/2018 10/25/2018	Sterling York

LM Start	3.52	Rating **	A/W	Issue No.	8	
LM End	3.52	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.974330 °	38.974330 °	
				-121.526799 °	-121.526799 °	
DWR ID	18580					
Comment Code						
Inspector Comment						
FS_ID:51706						
DS_ID:18580						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe						
through the levee, 19 feet below the crown. Flap gate on the waterside						
(WS) end. Concrete headwall at the WS toe. [Additional Reference(s):						
DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August						
1955 (Station 92+88)].						
FS Date: 2/27/2013						

No Photos

LM Start	4.28	Rating **	M	Issue No.	3
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.981271 °	38.981400 °
				-121.515999 °	-121.515848 °
DWR ID	DWR_RD0784_03B_f_2018_3				
Comment Code					
Inspector Comment					
2017 Site ID: BER 4.9 R					
Status: Eroding					
2017 Field Notes: Access Issues - Could not observe					
Site History: 2009 - Small site which could be repaired with maintenance. Erosion into the levee toe, rock has started to fail.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	10/25/2018 10/25/2018	Sterling York

LM Start	4.29	Rating **	M	Issue No.	7
LM End	4.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.981526 °	38.984636 °
				-121.516000 °	-121.512107 °
DWR ID	DWR_RD0784_03B_f_2017_7				
Comment Code					
FE : Fence					
Inspector Comment					
Fence is located at the toe of levee and should be move from the toe for access.					

Photo 1 of 1 : FA_2018_RD0784_534_7_20180918_00001.jpg



View looking upstream landside of a fence that is at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	10/25/2018 10/25/2018	Sterling York

LM Start	4.66	Rating **	U	Issue No.	9
LM End	4.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.985247 °	38.985247 °
				-121.511075 °	-121.511075 °
DWR ID	18627				

Comment Code

Inspector Comment

FS_ID:53072
DS_ID:18627
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/16/2018 Internal video inspection was completed recently and the inspection is being evaluated by the District Engineer. Waiting for internal inspection results to determine the internal condition of this crossing. Crossing remains Urgent due to the unknown condition of the pipe through the levee. (O. Magana - DWR UCIP) 11/30/2017 Crossing remains Urgent due to uncertainty of pipe condition through levee -- recommend an internal inspection of the pipe through the levee as a precaution measure to determine integrity of pipe. Repair of the rusted out collar (void) found at the WS pipe outlet has been repaired by the LMA. Received additional photos from DWR levee inspector, S. York, of the WS concrete headwall installed and vegetation cleared from WS. (O. Magana - DWR UCIP)07/13/2017 - The rusted out collar at the bottom of the waterside flap gate has been sealed with concrete. Internal pipe inspections still pending. (P.Meagher-RD784).04/13/2017 - Spoke to LMA representative, P. Meagher, regarding the status of this crossing. The report has been updated to indicate vegetation has been cleared from WS outlet and LS inlet. The crossing remains Urgent--WS pipe collar is rusted out on the bottom. Recommend internal pipe inspection to determine pipe integrity through the levee. Owner will need to coordinate with the CVFPB to address issue. (O. Magana - DWR UCIP) 01/16/2017 - Landowner who utilizes this pipe reported to RD784 staff on 1/11/2017 that he suspected this pipe at the waterside flap gate ring area was rusted out at the bottom. After investigating, we could see what was reported is correct. Sandbags have been temporarily placed around the 2" +/- gapped area underneath the flap gate ring. A permanent solution is anticipated to be completed in the next 3 to 6 months. The plan is to pour a concrete ring / headwall around the open corroded pipe end. Photos attached. (P. Meagher - RD784).11/04/2016 - Flap gate on waterside has been cleared again as of 10/17/2016. The LS inlet area has been cleared as of 9/21/2016. See updated photos attached. (P.Meagher - RD784)09/22/2016 - vegetation at inlet of pipe has been cleared by owner. photos added showing pipe inlet. (T. Hatch - DWR UCIP)08/09/2016 - vegetation partially obscuring outlet on WS. Heavy vegetation on landside (LS) limiting inspection of inlet. Owner asked by RD0784 to clear vegetation and debris. (T. Hatch - DWR UCIP)11/1/2015 - Flap Gate has been cleared as of 12/9/2014 and again during summer of 2015 (P. Meagher/RD0784)2/27/2013 - Flap gate blocked by vegetation on WS toe. Unable to locate inlet. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 20 feet below the crown. Gate valve on the waterside

Photo 1 of 3 : UCIP_FA_2018_53072_77114.jpg



Close up photo of concrete seal where the rusted out void used to be. Farmer irrigation was currently flowing at the time the photo was taken.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	10/25/2018 10/25/2018	Sterling York

(WS). [Additional Reference(s): USACE Sacramento O&M Manual 145, August 1955 (Station 4+96). USACE Sacramento As-built Drawings, 2-4-106, Exhibit B, Sheet 2, July 1944 (Station 4+96)].
FS Date: 10/16/2018 1:17:00 PM

LM Start	4.66	Rating **	U	Issue No.	9 (cont)
LM End	4.66	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_53072_77115.jpg



Concrete collar completed around the waterside exterior flap gate section.

LM Start	4.66	Rating **	U	Issue No.	9 (cont)
LM End	4.66	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_53072_76618.jpg



Sandbags temporarily placed in front of flapgate.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 04 Interceptor Canal			Right	6.33
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	10/25/2018 10/25/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2
LM End	6.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974781°	39.058461°
				-121.535086°	-121.550697°
DWR ID	DWR_RD0784_04_f_2018_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_181_2_20181106_00005.jpg



View looking upstream landside of the well maintained annual Vegetation, Fall 2018.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	6.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974781 °	39.058447 °
				-121.535086 °	-121.550701 °
DWR ID	DWR_RD0784_04_f_2018_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_181_3_20181106_00004.jpg



View looking upstream waterside of the well maintained annual Vegetation, Fall 2018.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	10/25/2018 10/25/2018	Sterling York

LM Start	1.09	Rating **	A/W	Issue No.	4
LM End	1.09	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.990383 °	38.990383 °
				-121.538051 °	-121.538051 °
DWR ID	DWR_RD0784_04_f_2018_4				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Lineal cracking on the crown has been repaired but needs to be monitored through the rainy season, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_181_4_20181106_00006.jpg



View looking upstream on the crown of lineal cracking that has been repaired but needs to be monitored through the rainy season, Fall 2018.

LM Start	1.61	Rating **	A/W	Issue No.	5
LM End	1.61	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.997839 °	38.997839 °
				-121.539477 °	-121.539477 °
DWR ID	DWR_RD0784_04_f_2018_5				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Lineal cracking on the crown has been repaired but needs to be monitored through the rainy season, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_181_5_20181106_00007.jpg



View looking upstream on the crown of lineal cracking that has been repaired but needs to be monitored through the rainy season, Fall 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	10/25/2018 10/25/2018	Sterling York

LM Start	3.59	Rating **	M	Issue No.	6	
LM End	3.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.026347 °	39.026347 °	
				-121.542343 °	-121.542343 °	
DWR ID	22686					
Comment Code						
Inspector Comment						
FS_ID:46600						
DS_ID:22686						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 02/26/2013 No permit identified for crossing. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: Communications cable of an unknown material and diameter through the levee, at an unknown depth, on the downstream side of the bridge. [Additional Reference(s): USACE Sacramento O&M Manual 145, August 1955, (Station 132+40), listed as an 18-inch pipe].						
FS Date: 9/11/2015 9:25:57 AM						

LM Start	3.59	Rating **	M	Issue No.	6 (cont)
LM End	3.59	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_46600_54244.jpg



Communication line at base of JP on WS slope.

Photo 2 of 3 : UCIP_FA_2018_46600_54243.jpg



Communication line runs on south side of Plumas Arboga Road to JP approximately 400-feet West of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	10/25/2018 10/25/2018	Sterling York

LM Start	3.59	Rating **	M	Issue No.	6 (cont)	
LM End	3.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.026347 °		39.026347 °
				-121.542343 °		-121.542343 °
DWR ID	22686					
Comment Code						
Inspector Comment						
FS_ID:46600						
DS_ID:22686						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 02/26/2013 No permit identified for crossing. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: Communications cable of an unknown material and diameter through the levee, at an unknown depth, on the downstream side of the bridge. [Additional Reference(s): USACE Sacramento O&M Manual 145, August 1955, (Station 132+40), listed as an 18-inch pipe].						
FS Date: 9/11/2015 9:25:57 AM						

Photo 3 of 3 : UCIP_FA_2018_46600_54242.jpg



Communication line runs on south side of Plumas Arboga Road to JP approximately 400-feet West of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 05 Interceptor Canal			Left	4.19
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

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Reclamation District No. 0784 Plumas Lake

View looking upstream waterside of the well maintained annual
Vegetation, Fall 2018.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	0.02	Rating **	A	Issue No.	16
LM End	0.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.974616 °	38.980737 °
				-121.532615 °	-121.533911 °
DWR ID	DWR_RD0784_05_s_2018_16				
Comment Code					
FE : Fence					
Inspector Comment					
Old fence post should be removed from levee toe, but they would not impede flood fighting operations, Spring 2018.					

Photo 1 of 1 : FA_2018_RD0784_182_16_20180918_00006.jpg



View looking downstream landside of old fence post that need to be removed, Spring 2018.

LM Start	0.12	Rating **	A/W	Issue No.	17
LM End	0.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.976147 °	38.976147 °
				-121.533019 °	-121.533019 °
DWR ID	18592				
Comment Code					
Inspector Comment					
FS_ID:51711					
DS_ID:18592					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: 02/26/2013 Good candidate for video inspection. (W. Wylie - DWR UCIP)					
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Polyvinyl chloride weir inlet on landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 25+28)].					
FS Date: 2/26/2013					

Photo 1 of 3 : UCIP_FA_2018_51711_16552.jpg



inlet control structure on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	0.12	Rating **	A/W	Issue No.	17 (cont)	
LM End	0.12	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.976147 °	38.976147 °	
				-121.533019 °	-121.533019 °	
DWR ID	18592					
Comment Code						
Inspector Comment						
FS_ID:51711						
DS_ID:18592						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments: 02/26/2013 Good candidate for video inspection. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Polyvinyl chloride weir inlet on landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 25+28)].						
FS Date: 2/26/2013						

LM Start	0.12	Rating **	A/W	Issue No.	17 (cont)
LM End	0.12	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_51711_16555.jpg



Concrete U-shaped outlet with flap gate on WS toe.

Photo 3 of 3 : UCIP_FA_2018_51711_16554.jpg



Concrete U-shaped outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	0.84	Rating **	M	Issue No.	18	
LM End	0.84	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.986432 °		38.986432 °
				-121.534983 °		-121.534983 °
DWR ID	18591					
Comment Code						
Inspector Comment						
FS_ID:51710 DS_ID:18591 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/26/2013 No handle or access to slide gate on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 23.7 feet below the crown. Flap gate on the waterside (WS) end. Slide gate inside a concrete drop inlet on the landside (LS). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 63+00)]. FS Date: 9/11/2015 9:05:00 AM						

LM Start	0.84	Rating **	M	Issue No.	18 (cont)
LM End	0.84	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2018_51710_54246.jpg



Concrete drop-inlet at LS toe.

Photo 2 of 2 : UCIP_FA_2018_51710_54245.jpg



Outlet with riprap on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	1.09	Rating **	M	Issue No.	10
LM End	1.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.989955 °	38.999068 °
				-121.535672 °	-121.537462 °
DWR ID	DWR_RD0784_05_s_2012_10				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch at toe of slope.					

Photo 1 of 2 : FA_2018_RD0784_182_10_20180918_00004.jpg



View of landside looking downstream at the ditch that is along the levee toe. Fall 2017.

LM Start	1.09	Rating **	M	Issue No.	10 (cont)
LM End	1.72	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2018_RD0784_182_10_20180918_00005.jpg



View of landside looking downstream at the ditch that is along the levee toe. Fall 2016.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	1.60	Rating **	A/W	Issue No.	19
LM End	1.60	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.997305 °	38.997305 °
				-121.537081 °	-121.537081 °
DWR ID	18590				
Comment Code					
Inspector Comment					
FS_ID:51709					
DS_ID:18590					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: 02/26/2013 Good candidate for video inspection.					
(W. Wylie - DWR UCIP)					
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe					
through the levee, 14.5 feet below the crown. Flap gate on the					
waterside (WS) end. Concrete U-shaped headwall on the WS. Polyvinyl					
chloride weir on inlet. (See Drawing No. 2-4-106, Sheet 5). [Additional					
Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M					
Manual 145, August 1955 (Station 103+23)].					
FS Date: 2/26/2013					

LM Start	1.60	Rating **	A/W	Issue No.	19 (cont)
LM End	1.60	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_51709_16565.jpg



Concrete U-shaped headwall and flap gate on WS toe.

Photo 2 of 3 : UCIP_FA_2018_51709_16563.jpg



Pvc weir on inlet at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	1.60	Rating **	A/W	Issue No.	19 (cont)	
LM End	1.60	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.997305 °		38.997305 °
				-121.537081 °		-121.537081 °
DWR ID	18590					
Comment Code						
Inspector Comment						
FS_ID:51709						
DS_ID:18590						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments: 02/26/2013 Good candidate for video inspection.						
(W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS. Polyvinyl chloride weir on inlet. (See Drawing No. 2-4-106, Sheet 5). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 103+23)].						
FS Date: 2/26/2013						

Photo 3 of 3 : UCIP_FA_2018_51709_16562.jpg



Concrete U-shaped headwall and flap gate on WS toe.

LM Start	1.86	Rating **	M	Issue No.	20
LM End	1.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.000975 °	39.000975 °
				-121.537779 °	-121.537779 °
DWR ID	18588				
Comment Code					
Inspector Comment					
FS_ID:51719 DS_ID:18588 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 09/11/2015 Inlet burried. Good candidate for video inspection as pipe is corroded. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 116+78)]. FS Date: 9/11/2015 9:36:00 AM					

Photo 1 of 3 : UCIP_FA_2018_51719_54247.jpg



Concrete U-shaped outlet and flap-gate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	1.86	Rating **	M	Issue No.	20 (cont)	
LM End	1.86	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.000975 °	39.000975 °	
				-121.537779 °	-121.537779 °	
DWR ID	18588					
Comment Code						
Inspector Comment						
FS_ID:51719 DS_ID:18588 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 09/11/2015 Inlet burried. Good candidate for video inspection as pipe is corroded. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 116+78)]. FS Date: 9/11/2015 9:36:00 AM						

LM Start	1.86	Rating **	M	Issue No.	20 (cont)
LM End	1.86	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_51719_54248.jpg



Debris covered inlet on LS toe.

Photo 3 of 3 : UCIP_FA_2018_51719_54249.jpg



Drainage outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	2.04	Rating **	M	Issue No.	21	
LM End	2.04	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.003643 °	39.003643 °	
				-121.538292 °	-121.538292 °	
DWR ID	18587					
Comment Code						
Inspector Comment						
FS_ID:51707 DS_ID:18587 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: On 1/31/2017 The waterside excess pipe end was discovered to be floating to the surface due to landside water runoff through the pipe. Because of the floating pipe, the water was not draining all the way through the pipe. Instead, the water was overtopping the levee shelf area. In order to resolve this issue, the excess portion of the pipe was cut off. After doing so, the water immediately started draining properly again. (P. Meagher, RD784 2/3/2017). Erosion at outlet may or may not be an issue. FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS. Polyvinyl chloride weir on inlet. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 126+53)]. FS Date: 2/3/2017						

LM Start	2.04	Rating **	M	Issue No.	21 (cont)
LM End	2.04	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_51707_54250.jpg



Inlet with PVC weir on LS toe.

Photo 2 of 3 : UCIP_FA_2018_51707_54253.jpg



Concrete U-shaped headwall on WS toe with Flap gate showing erosion at outlet.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	2.04	Rating **	M	Issue No.	21 (cont)	
LM End	2.04	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.003643 °	39.003643 °	
				-121.538292 °	-121.538292 °	
DWR ID	18587					
Comment Code						
Inspector Comment						
FS_ID:51707 DS_ID:18587 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: On 1/31/2017 The waterside excess pipe end was discovered to be floating to the surface due to landside water runoff through the pipe. Because of the floating pipe, the water was not draining all the way through the pipe. Instead, the water was overtopping the levee shelf area. In order to resolve this issue, the excess portion of the pipe was cut off. After doing so, the water immediately started draining properly again. (P. Meagher, RD784 2/3/2017). Erosion at outlet may or may not be an issue. FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS. Polyvinyl chloride weir on inlet. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 126+53)]. FS Date: 2/3/2017						

Photo 3 of 3 : UCIP_FA_2018_51707_76774.jpg



After photo after excess pipe was cut off. Actual photo date was 1/31/2017

LM Start	2.11	Rating **	M	Issue No.	9
LM End	3.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.004562 °	39.015593 °
				-121.538482 °	-121.528533 °
DWR ID	DWR_RD0784_05_s_2012_9				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch at toe of slope. Spring 2018.					

Photo 1 of 1 : FA_2018_RD0784_182_9_20180918_00003.jpg



View of landside looking downstream at the ditch that is along the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	2.47	Rating **	U	Issue No.	22
LM End	2.47	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.008994 °	39.008994 °	
			-121.535679 °	-121.535679 °	

DWR ID	18597
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Comment Code

Inspector Comment

FS_ID:53070

DS_ID:18597

EP_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 10/16/2018 - Pipe remains Urgent due to internal pipe failure. Diversion dam on the WS slope is still present. Mr. Meagher is monitoring the progress of the erosion on the LS. Flag markers have been added just above the erosion site on the LS to monitor the progress of the slope failure. LMA is working with the District Engineer on proposed repair and CVFPB to obtain approval for a pipe replacement. Crossing is listed as DMP Phase 1 eligible crossing. (O. Magana - DWR UCIP) 11/30/2017 - same as previous inspection - crossing remains Urgent. Received updated photos from DWR levee inspector, S. York, showing current condition of levee LS and WS. (O. Magana - DWR UCIP) 12/15/2016 - Coordination email was received from RD0784 this afternoon. Patrick Meagher with Reclamation District is closely monitoring the eroded pipe area at the Horseshoe Levee due to periodic rainstorms and unpredictable water flow elevations. To avoid further damage at this location, Mr. Meagher has coordinated with LMA Consultant Sean Minard at MHM Engineering and DWR Levee Inspector Sterling York to address further deterioration at site. As a proactive measure by RD784, sandbags were used to fill in the sink hole on the WS. A "V" shape diversion dam was also built of sandbags above the sinkhole area to help divert running rainwater coming down the slope around the fill area. RD0784 used approximately 100 sandbags at the site to fill in sink hole and create the "V" shaped diversion dam. (O. Magana - DWR UCIP) 07/29/2016 - Erosion scarp on LS cut into levee shoulder starting at inlet headwall. Cavity failure on WS shoulder approximately 2-feet in diameter and several feet in depth. (T. Hatch/UCIP) 11/01/2015 - The concrete box weir structure on the landside inlet has slumped off the end of the pipe. DWR Chief inspector George Wilie inspected the site on 8/13/2015 with Steve Fordice, General Manager of RD784. (P. Meagher - RD784)

2/27/2013 - Heavy erosion around inlet headwall due to beaver activity. (W. Wylie/UCIP)

FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 15.5 feet below the crown. Flap gate on the waterside (WS) toe. Concrete U-shaped headwall on the WS toe. (Removable standpipe and bulkheads approved under Permit No. 9230, 1974 - Frach, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 13+72). USACE As-Built Drawing No. 2-4-106, Sheet 6, July 1944 (Station 13+72)].

FS Date: 10/16/2018 1:06:00 PM

Photo 1 of 3 : UCIP_FA_2018_53070_54258.jpg



Concrete U-shaped headwall and flap gate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	2.47	Rating **	U	Issue No.	22 (cont)
LM End	2.47	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.008994 °	39.008994 °	
			-121.535679 °	-121.535679 °	
DWR ID	18597				

Comment Code

Inspector Comment

FS_ID:53070

DS_ID:18597

EP_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 10/16/2018 - Pipe remains Urgent due to internal pipe failure. Diversion dam on the WS slope is still present. Mr. Meagher is monitoring the progress of the erosion on the LS. Flag markers have been added just above the erosion site on the LS to monitor the progress of the slope failure. LMA is working with the District Engineer on proposed repair and CVFPB to obtain approval for a pipe replacement. Crossing is listed as DMP Phase 1 eligible crossing. (O. Magana - DWR UCIP) 11/30/2017 - same as previous inspection - crossing remains Urgent. Received updated photos from DWR levee inspector, S. York, showing current condition of levee LS and WS. (O. Magana - DWR UCIP) 12/15/2016 - Coordination email was received from RD0784 this afternoon. Patrick Meagher with Reclamation District is closely monitoring the eroded pipe area at the Horseshoe Levee due to periodic rainstorms and unpredictable water flow elevations. To avoid further damage at this location, Mr. Meagher has coordinated with LMA Consultant Sean Minard at MHM Engineering and DWR Levee Inspector Sterling York to address further deterioration at site. As a proactive measure by RD784, sandbags were used to fill in the sink hole on the WS. A "V" shape diversion dam was also built of sandbags above the sinkhole area to help divert running rainwater coming down the slope around the fill area. RD0784 used approximately 100 sandbags at the site to fill in sink hole and create the "V" shaped diversion dam. (O. Magana - DWR UCIP) 07/29/2016 - Erosion scarp on LS cut into levee shoulder starting at inlet headwall. Cavity failure on WS shoulder approximately 2-feet in diameter and several feet in depth. (T. Hatch/UCIP) 11/01/2015 - The concrete box weir structure on the landside inlet has slumped off the end of the pipe. DWR Chief inspector George Wilie inspected the site on 8/13/2015 with Steve Fordice, General Manager of RD784. (P. Meagher - RD784)

2/27/2013 - Heavy erosion around inlet headwall due to beaver activity. (W. Wylie/UCIP)

FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 15.5 feet below the crown. Flap gate on the waterside (WS) toe. Concrete U-shaped headwall on the WS toe. (Removable standpipe and bulkheads approved under Permit No. 9230, 1974 - Frach, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 13+72). USACE As-Built Drawing No. 2-4-106, Sheet 6, July 1944 (Station 13+72)].

FS Date: 10/16/2018 1:06:00 PM

Photo 2 of 3 : UCIP_FA_2018_53070_76309.jpg



WS view: Sink hole filled in with sandbags and "V" shaped diversion dam built to help divert rainwater.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	2.47	Rating **	U	Issue No.	22 (cont)
LM End	2.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.008994 °	39.008994 °
				-121.535679 °	-121.535679 °
DWR ID	18597				

Comment Code

Inspector Comment

FS_ID:53070

DS_ID:18597

EP_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 10/16/2018 - Pipe remains Urgent due to internal pipe failure. Diversion dam on the WS slope is still present. Mr. Meagher is monitoring the progress of the erosion on the LS. Flag markers have been added just above the erosion site on the LS to monitor the progress of the slope failure. LMA is working with the District Engineer on proposed repair and CVFPB to obtain approval for a pipe replacement. Crossing is listed as DMP Phase 1 eligible crossing. (O. Magana - DWR UCIP) 11/30/2017 - same as previous inspection - crossing remains Urgent. Received updated photos from DWR levee inspector, S. York, showing current condition of levee LS and WS. (O. Magana - DWR UCIP) 12/15/2016 - Coordination email was received from RD0784 this afternoon. Patrick Meagher with Reclamation District is closely monitoring the eroded pipe area at the Horseshoe Levee due to periodic rainstorms and unpredictable water flow elevations. To avoid further damage at this location, Mr. Meagher has coordinated with LMA Consultant Sean Minard at MHM Engineering and DWR Levee Inspector Sterling York to address further deterioration at site. As a proactive measure by RD784, sandbags were used to fill in the sink hole on the WS. A "V" shape diversion dam was also built of sandbags above the sinkhole area to help divert running rainwater coming down the slope around the fill area. RD0784 used approximately 100 sandbags at the site to fill in sink hole and create the "V" shaped diversion dam. (O. Magana - DWR UCIP) 07/29/2016 - Erosion scarp on LS cut into levee shoulder starting at inlet headwall. Cavity failure on WS shoulder approximately 2-feet in diameter and several feet in depth. (T. Hatch/UCIP) 11/01/2015 - The concrete box weir structure on the landside inlet has slumped off the end of the pipe. DWR Chief inspector George Wilie inspected the site on 8/13/2015 with Steve Fordice, General Manager of RD784. (P. Meagher - RD784)

2/27/2013 - Heavy erosion around inlet headwall due to beaver activity. (W. Wylie/UCIP)

FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 15.5 feet below the crown. Flap gate on the waterside (WS) toe. Concrete U-shaped headwall on the WS toe. (Removable standpipe and bulkheads approved under Permit No. 9230, 1974 - Frach, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 13+72). USACE As-Built Drawing No. 2-4-106, Sheet 6, July 1944 (Station 13+72)].

FS Date: 10/16/2018 1:06:00 PM

Photo 3 of 3 : UCIP_FA_2018_53070_54254.jpg



Erosion and debris from Beaver activity.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	2.51	Rating **	M	Issue No.	5
LM End	3.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.009463 °	39.015978 °
				-121.535200 °	-121.528173 °
DWR ID	DWR_RD0784_05_s_2013_5				
Comment Code					
FE : Fence					
Inspector Comment					
Fence along levee toe.					

Photo 1 of 1 : FA_2018_RD0784_182_5_20180918_00001.jpg



View of fence along the landside toe looking downstream.

LM Start	3.06	Rating **	M	Issue No.	23	
LM End	3.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.015549 °	39.015549 °	
				-121.528590 °	-121.528590 °	
DWR ID	18596					
Comment Code						
Inspector Comment						
FS_ID:51714						
DS_ID:18596						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 02/27/2013 Pipe has been sliplined with PVC, but the liner appears to be eroding at outlet and may be disjointed internal to the levee. See pic. Good candidate for video inspection. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS). Polyvinyl chloride weir on inlet at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 44+96)].						
FS Date: 9/11/2015 9:26:00 AM						

Photo 1 of 3 : UCIP_FA_2018_51714_54259.jpg



Concrete U-shaped headwall and flap gate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	3.06	Rating **	M	Issue No.	23 (cont)	
LM End	3.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.015549 °	39.015549 °	
				-121.528590 °	-121.528590 °	
DWR ID	18596					
Comment Code						
Inspector Comment						
FS_ID:51714						
DS_ID:18596						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 02/27/2013 Pipe has been sliplined with PVC, but the liner appears to be eroding at outlet and may be disjointed internal to the levee. See pic. Good candidate for video inspection. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS). Polyvinyl chloride weir on inlet at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 44+96)].						
FS Date: 9/11/2015 9:26:00 AM						

LM Start	3.06	Rating **	M	Issue No.	23 (cont)
LM End	3.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_51714_54262.jpg



Pipe showing sliplined PVC insert. some erosion of PV at outlet and it may be disjointed internally.

Photo 3 of 3 : UCIP_FA_2018_51714_54261.jpg



Concrete U-shaped headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	3.23	Rating **	A/W	Issue No.	24
LM End	3.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.017336 °	39.017336 °
				-121.526530 °	-121.526530 °
DWR ID	18595				
Comment Code					
Inspector Comment					
FS_ID:9566					
DS_ID:18595					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: 02/27/2013 Good candidate for video inspection. (W. Wylie - DWR UCIP)					
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 15.8 feet below the crown. Flap gate on the waterside (WS) end. Polyvinyl chloride weir on inlet at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955, Drawing No. 2-4-106, Sheet 6 (Station 53+86)].					
FS Date: 2/27/2013					

LM Start	3.23	Rating **	A/W	Issue No.	24 (cont)
LM End	3.23	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2018_9566_16594.jpg



PVC weir inlet on LS toe.

Photo 2 of 2 : UCIP_FA_2018_9566_16593.jpg



Flap gate at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	3.79	Rating **	A/W	Issue No.	25
LM End	3.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.019222°	39.019222°
				-121.516414°	-121.516414°
DWR ID	18594				
Comment Code					
Inspector Comment					
FS_ID:51713 DS_ID:18594 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 8.8 feet below the crown. Flap gate and headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 83+39)]. FS Date: 2/27/2013					

Photo 1 of 3 : UCIP_FA_2018_51713_16590.jpg



Concrete outlet and flap gate on WS toe.

LM Start	3.79	Rating **	A/W	Issue No.	25 (cont)
LM End	3.79	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_51713_16591.jpg



PVC weir at inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	3.79	Rating **	A/W	Issue No.	25 (cont)	
LM End	3.79	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.019222 °	39.019222 °	
				-121.516414 °	-121.516414 °	
DWR ID	18594					
Comment Code						
Inspector Comment						
FS_ID:51713 DS_ID:18594 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 8.8 feet below the crown. Flap gate and headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 83+39)]. FS Date: 2/27/2013						

Photo 3 of 3 : UCIP_FA_2018_51713_16592.jpg



Concrete outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	3.96	Rating **	M	Issue No.	26
LM End	3.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.019787 °	39.019787 °
				-121.513386 °	-121.513386 °
DWR ID	18593				
Comment Code					
Inspector Comment					
FS_ID:51712 DS_ID:18593 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/14/2016 - Photos added of exposed flap gate on WS and possible inlet location on LS. Condition remains as Non-Urgent because of inlet not being fully operable. Unknown if pipe will operate as designed during high water or if it is full of sediment.11/01/2015 - Waterside Flap Gate Uncovered. Photo sent to DWR Matt Hoffman on 3/3/2014. Fresh photo sent to DWR Pavel Kazi on 9/9/2015. Landside toe has never been able to be located. Requesting DWR inspector to change the status of this issue to "No Action Needed". (P.Meagher - RD784).Pipe burried on LS toe and flap gate is blocked by soil on WS toe. (W. Wylie - UCIP Inspector). FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 91+50)]. FS Date: 10/9/2015					

LM Start	3.96	Rating **	M	Issue No.	26 (cont)
LM End	3.96	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_51712_76147.jpg



Flap gate on the WS toe is exposed

Photo 2 of 3 : UCIP_FA_2018_51712_76148.jpg



Possible location of the inlet on the LS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	10/25/2018 10/25/2018	Sterling York

LM Start	3.96	Rating **	M	Issue No.	26 (cont)	
LM End	3.96	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.019787°	39.019787°	
				-121.513386°	-121.513386°	
DWR ID	18593					
Comment Code						
Inspector Comment						
FS_ID:51712 DS_ID:18593 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/14/2016 - Photos added of exposed flap gate on WS and possible inlet location on LS. Condition remains as Non-Urgent because of inlet not being fully operable. Unknown if pipe will operate as designed during high water or if it is full of sediment.11/01/2015 - Waterside Flap Gate Uncovered. Photo sent to DWR Matt Hoffman on 3/3/2014. Fresh photo sent to DWR Pavel Kazi on 9/9/2015. Landside toe has never been able to be located. Requesting DWR inspector to change the status of this issue to "No Action Needed". (P.Meagher - RD784).Pipe burried on LS toe and flap gate is blocked by soil on WS toe. (W. Wylie - UCIP Inspector). FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 91+50)]. FS Date: 10/9/2015						

Photo 3 of 3 : UCIP_FA_2018_51712_74710.jpg



Enter photo 3 description or comment here.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 06 South Dry Creek			Right	0.25
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	10/25/2018 10/25/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.985541 °	38.987566 °
				-121.510515 °	-121.506645 °
DWR ID	DWR_RD0784_06_f_2018_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.985542 °	38.987566 °
				-121.510515 °	-121.506645 °
DWR ID	DWR_RD0784_06_f_2018_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_183_2_20181106_00006.jpg



View looking upstream landside of the well maintained annual Vegetation, Fall 2018.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	10/25/2018 10/25/2018	Sterling York

LM Start	0.06	Rating **	M	Issue No.	4
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.985999 °	38.985999 °
				-121.509618 °	-121.509618 °
DWR ID	18626				
Comment Code					
Inspector Comment					
FS_ID:51716 DS_ID:18626 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10-30-2015 - Waterside flap gate was cleared in December 2014 and again in September 2015 No LMA access available on Landside (P. Meagher).Pipe partially blocked on LS and flap gate blocked on WS (W. Wylie-UCIP Inspector) FIELD_STRUCT_DESC: 18-inch corrugated metal storm drainage pipe through the levee, 19 feet below the crown. Gate valve on the waterside (WS). [Additional Reference(s): USACE Drawing No. 2-4-106, Sheet 2]. FS Date: 9/11/2015					

Photo 1 of 3 : UCIP_FA_2018_51716_74682.jpg



Flap Gate is clear as of 9/11/15.

LM Start	0.06	Rating **	M	Issue No.	4 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_51716_54268.jpg



Partially clogged inlet pipe at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	10/25/2018 10/25/2018	Sterling York

LM Start	0.06	Rating **	M	Issue No.	4 (cont)	
LM End	0.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.985999 °	38.985999 °	
				-121.509618 °	-121.509618 °	
DWR ID	18626					
Comment Code						
Inspector Comment						
FS_ID:51716 DS_ID:18626 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10-30-2015 - Waterside flap gate was cleared in December 2014 and again in September 2015 No LMA access available on Landside (P. Meagher).Pipe partially blocked on LS and flap gate blocked on WS (W. Wylie-UCIP Inspector) FIELD_STRUCT_DESC: 18-inch corrugated metal storm drainage pipe through the levee, 19 feet below the crown. Gate valve on the waterside (WS). [Additional Reference(s): USACE Drawing No. 2-4-106, Sheet 2]. FS Date: 9/11/2015						

Photo 3 of 3 : UCIP_FA_2018_51716_54265.jpg



Flap gate blocked by vegetation at WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 07 Yuba River			Left	3.82
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

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If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Yuba River	Left	3.82	10/25/2018 10/25/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	1	
LM End	3.80	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			39.134794 °	39.165455 °	
				-121.552434 °	-121.495735 °	
DWR ID	DWR_RD0784_07_f_2018_1					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						
The annual vegetation is well maintained, Fall 2018.						

Photo 1 of 1 : FA_2018_RD0784_184_1_20181106_00001.jpg



View looking downstream landside of the well maintained annual Vegetation, Fall 2018.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.134794 °	39.165455 °
				-121.552434 °	-121.495734 °
DWR ID	DWR_RD0784_07_f_2018_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_184_2_20181106_00002.jpg



View looking downstream waterside of the well maintained annual Vegetation, Fall 2018.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 08 Three Rivers			Right	1.93
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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Reclamation District No. 0784 Plumas Lake

View looking upstream landside of the well maintained annual
Vegetation, Fall 2018.

Page 1 of 1

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0784 Plumas Lake

Waterway			Bank	Unit Miles
Unit No. 09 Feather River			Left	5.71
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/21/2018 - 3/21/2018		10/25/2018 - 10/25/2018	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Patrick Meagher RD 784		Patrick Meagher RD 784	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	10/25/2018 10/25/2018	Sterling York

LM Start	2.48	Rating **	A	Issue No.	1
LM End	5.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.054982 °	39.010390 °
				-121.592375 °	-121.579600 °
DWR ID	DWR_RD0784_09_f_2018_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_530_1_20181106_00002.jpg



View looking downstream landside of the well maintained annual Vegetation, Fall 2018.

LM Start	2.48	Rating **	A	Issue No.	2
LM End	5.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.054982 °	39.010390 °
				-121.592375 °	-121.579600 °
DWR ID	DWR_RD0784_09_f_2018_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2018.					

Photo 1 of 1 : FA_2018_RD0784_530_2_20181106_00001.jpg



View looking downstream waterside of the well maintained annual Vegetation, Fall 2018.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement